

First-Ever HFR Laser Projection Demo

Written by Marco Attard
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Christie hosted an **HFR Summit** at their worldwide center for engineering, research and development in Ontario, Canada. The high frame rate Summit included touring cinema-industry luminaries through its manufacturing facility and providing the **first-ever laser projection of high frame rate cinema and alternative content on to a 30-foot white screen** **f**

Recent Gordon E. Sawyer Academy Award winner *Douglas Trumbull*, *Ian Bidgood*, Technical Director, Park Road Post Production;

Matt Cowan

, Chief Scientific Officer, RealD;

John Helliker

and

Bert Dunk

, Directors at the Screen Industries Research and Training Centre and

Demetri Portelli

, Stereographer, met with Christie engineering and product development staff for information sharing session and discussion on high frame rates, laser projection, and the future of 3D and 4K projection.

Christie plans on incorporating laser projection technology into its cinema product line, business products line and visualization and simulation solutions where it benefits its customer base.

The two main goals of Christie's HFR activities are to help the industry develop the best HFR content and the best delivery system for HFR content. The first goal involves assisting leading-edge filmmakers and post-production companies in perfecting HFR movie creation, so the industry has the most engaging, entertaining content possible.

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The second goal is to assist exhibitors in showing these 3D HFR movies in all their glory. To these ends, Christie is helping create the standards for 3D HFR movies through formal and informal technology-development alliances with major producers and directors, post production facilities, studios and technology partners. On the exhibitor's front, Christie provides one stop shopping for all the hardware, software and services that enable exhibitors to deliver a filmmaker's vision in stunning 3D HFR quality

The consensus of the assembled industry experts was that **the industry needs to differentiate itself from the plethora of varied viewing options**, from tablets to home theaters and all manner of exhibitor setups, to raise itself out of its current malaise.

Doug Trumbull said "Spectacular movies delivered at high-frame rates, on to big and vividly bright screens, will enable the production and exhibition of amazingly immersive cinema experiences that will be far more powerful than any other medium."

Echoing Mr. Trumbull's sentiments, Ian Bidgood suggested that "...3D images must be awe-inspiring to bring back the crowds to theaters worldwide, and the higher brightness levels that are required to do justice to these images, along with higher frame rate material, will be delivered by Christie's technology in the laser field, with new projector and cinema solutions for today and the future."

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